

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 378  | 347/93.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/12 09:28 |
| L2    | 1    | (ink supply outlet space flow direction perpendicular nozzle filter first second).clm. | US-PGPUB;<br>USPAT  | AND              | ON      | 2007/07/12 09:29 |
| L3    | 4    | (ink supply outlet space flow direction perpendicular nozzle first second).clm.        | US-PGPUB;<br>USPAT  | AND              | ON      | 2007/07/12 09:29 |

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 378  | 347/93.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/12 09:28 |
| L2    | 1    | (lnk supply outlet space flow direction perpendicular nozzle filter first second).clm.  | US-PGPUB;<br>USPAT  | AND              | ON      | 2007/07/12 09:29 |
| L3    | 4    | (lnk supply outlet space flow direction perpendicular nozzle first second).clm.   | US-PGPUB;<br>USPAT  | AND              | ON      | 2007/07/12 09:29 |
| S1    | 2    | "20040257415"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/18 14:36 |
| S2    | 732  | 347/71.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/18 14:36 |
| S3    | 138  | S2 and filter   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/18 14:58 |
| S4    | 139  | S2 and filter\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/18 14:36 |
| S5    | 1    | S4 not S3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/18 14:36 |
| S6    | 10   | ("20010020968"   "20020024567"   "5087930"   "5402159"   "5752303"   "5790155"   "6033058"   "6260963"   "6290340"   "6457818").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/07/18 14:58 |
| S7    | 2    | S6 and filter   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/18 15:15 |
| S8    | 6    | ("4046359"   "4639748"   "4680595"   "4864329"   "4883219"   "5087930").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/07/18 15:14 |
| S9    | 43   | ("5489930").URPN.   | USPAT   | OR               | ON      | 2006/07/18 15:14 |
| S10   | 28   | (S8 and filter) (S9 and filter)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/18 15:15 |
| S11   | 788  | 347/71.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/30 09:20 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S12 | 165   | S11 and filter\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 08:28 |
| S13 | 15    | "5907338"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 09:16 |
| S14 | 2     | "5907338".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 09:16 |
| S15 | 1     | ((masayuki with arakawa) (shingo with hattori)).in. and (brother).as. and (filter\$3).<br>clm.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 09:18 |
| S16 | 1     | ((masayuki with arakawa) (shingo with hattori)).in. and ((brother).as. and (filter\$3).<br>clm.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 09:19 |
| S17 | 0     | ((masayuki with arakawa) (shingo with hattori)).in. and ((brother).as. and<br>347/68-72.ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 09:19 |
| S18 | 155   | ((masayuki with arakawa) (shingo with hattori)).in. and (brother).as.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 09:19 |
| S19 | 3394  | 347/68-72.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 09:20 |
| S20 | 0     | S18 and S19  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 09:20 |
| S21 | 70535 | "347"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 09:20 |
| S22 | 55    | S18 and S21  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 09:30 |
| S23 | 1     | "20070070136"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 09:30 |

## EAST Search History

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| S24 | 1    | "20070070136"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 09:30 |
| S25 | 3474 | 347/68-72.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/07/12 08:43 |
| S26 | 378  | 347/93.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/07/12 08:43 |
| S27 | 18   | S25 and S26   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/07/12 08:43 |
| S28 | 179  | ((masayuki with arakawa) (shingo with hattori)).in. and (brother).as. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/07/12 08:47 |
| S29 | 0    | S26 and S28   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/07/12 08:47 |